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Determination of Hafnium in Zirconium Dioxide),
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Order from SLA \$4.60 61-18821

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v. 4 [no. 1] p. 9-11.

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tion, Bibliography.

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A 5521

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Köbl, Franz.

PROCESS FOR TREATING HARD METAL MOLDED BODIES, tr. by J. B. 10 Jan 61, 4p.

Order from LC or SLA mi\$1.80, ph\$1.80 61-15676

Trans. of Austrian patent 165,319, cl. 48b, by Metallwerk Plansee Gesellschaft M. B. H., appl. 7 Oct 47, beginning of pat. term 15 July 49, pub. 10 Feb 50.

A process is proposed for treating hard metal molded bodies, especially boreholes (e. g., drawing plates or dies), through chemical action and mechanical removal, characterised in that, preferably simultaneously with a known mechanical removal by grinding or the like, a chemical action through oxidizing alkaline treatment in an aqueous solution is effected. The chemical action can be carried out by anodic treatment of hard metals in alkaline solution.

(Metallurgy, TT, v. 5, no. 9)

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- I. Tool steel - Machining
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NII: G-20-65

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 Victor Seemann. May 61 [7p] 2refs ACPFL Trans.
 no. 33.

Order from OTS, SLA, or ETC \$1.10 TT-63-15688

Trans. of Problemy Arktiki (USSR) 1957, no. 1,
 p. 111-113. (Abstract available)

DESCRIPTORS: *Leveling rods, Geodesics, *Polar
 regions, *Permafrost, *Anchors (Structural), Design.

Bench-mark damage in polar regions associated with
 permafrost and ground ice is analyzed, and proper
 construction methods are discussed. A metal pipe
 about 60 mm in diameter, with a disk about 130 mm in
 diameter welded on the lower end, is not liable to
 (Earth Sciences, TT, v. 11, no. 9) (over)

TT-63-15688

- I. Title: Bench marks
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 A PECULIAR DIVISION OF THE NERVE CELLS OF
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 Order from OTS or SLA \$3.60 63-19023

Trans. of Arkhiv Anatomii, Gistologii i Embriologii
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DESCRIPTORS: *Nerve cells, Histology, *Ganglia,
 *Autonomic nervous system, Cats, Morphology.

Studies were made at various seasons and days of the
 ganglia of the solar plexus, the superior and inferior
 mesenteric, stellate and superior cervical ganglia of
 90 cats. A great diversity of forms in each stage was
 observed. At first two regions of cytoplasm are
 formed in the neuron, one differentiated and the other
 undifferentiated. The nucleus becomes more compact
 and basophilic, and smaller, or is often elongated.
 (Biological Sciences--Anatomy, TT, v. 10, no. 6)

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- II. FASEB S-338-2
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3 pp.

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 REACTION BETWEEN HYDROGEN AND OXYGEN IN THE SILENT ELECTRICAL DISCHARGE. VIII. MECHANISM OF THE PROCESS (Vzaimodelstviye Vodoroda s Kislorodom v Ptkhom Elektricheskom Razryade). [1962] [15]p. 14 refs.
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Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1962, v. 36 [no. 3] p. 443-448.

DESCRIPTORS: *Hydrogen, *Oxygen, *Electric discharges, Chemical reactions, *Reaction kinetics, Electrochemistry.

Water vapors and particularly argon have been shown to be energy catalysts of the formation and of the decomposition of H_2O_2 . At low concentrations they act (Chemistry--Physical, TT, v. 10, no. 3) (over)

I. Kobozev, N. I.
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 IV. Title: Mechanism ...

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